

Title (en)

SYSTEMS AND METHODS FOR INSTRUMENT DISINFECTION AND ANTI-MICROBIAL COATING

Title (de)

SYSTEME UND VERFAHREN ZUR INSTRUMENTENDESINFEKTION UND ANTIMIKROBIELLEN BESCHICHTUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS DE DÉSINFECTION D'INSTRUMENT ET DE REVÊTEMENT ANTIMICROBIEN

Publication

**EP 3675915 A1 20200708 (EN)**

Application

**EP 18852013 A 20180827**

Priority

- US 201715687657 A 20170828
- US 2018048168 W 20180827

Abstract (en)

[origin: US2019060497A1] A disinfection chamber may be configured for receiving a disinfecting vapor from a vapor source and channeling it to contact a surface of an instrument within the chamber. The vapor source may provide the vapor to the disinfecting chamber via an inlet in a chamber cover of the chamber. A vapor core within the disinfecting chamber may channel the vapor from the inlet through a length of the vapor core. A portion of the vapor may pass from an interior of the vapor core and contact the surface of the instrument. When the vapor contacts the surface, the vapor may disinfect the surface, and may deposit an anti-microbial film on the surface.

IPC 8 full level

**A61L 2/20** (2006.01); **A61B 50/30** (2016.01); **A61L 2/07** (2006.01); **A61L 2/232** (2006.01)

CPC (source: EP US)

**A61B 90/70** (2016.02 - EP); **A61L 2/07** (2013.01 - EP US); **A61L 2/20** (2013.01 - US); **A61B 2090/701** (2016.02 - EP); **A61L 2202/122** (2013.01 - EP US); **A61L 2202/14** (2013.01 - EP US); **A61L 2202/24** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 10576177 B2 20200303**; **US 2019060497 A1 20190228**; EP 3675915 A1 20200708; EP 3675915 A4 20210811; EP 3675915 B1 20240612; WO 2019046202 A1 20190307

DOCDB simple family (application)

**US 201715687657 A 20170828**; EP 18852013 A 20180827; US 2018048168 W 20180827